

04-26-04

#3
4/26/04
05-06-04

MS Non Fee
Commissioner for Patents
PO BOX 1450
Alexandria VA 22313-1450

CERTIFICATE OF EXPRESS MAILING

Sir:

I hereby certify that the complete attached response / document is being deposited with the United States Postal Service as EXPRESS mail article number EU245068215US, Post Office to Addressee, with sufficient postage pre-paid in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450

on this date:

Apr. 22, 2004

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APR 28 2004

Signature:

Technology Center 2600

Brad A. Armstrong

MS Non Fee
Commissioner for Patent
PO BOX 1450
Alexandria VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

THIS IS SUPPLEMENTAL TO THE DEC. 5, 2003 INFORMATION DISCLOSURE STATEMENT

Re: Patent Application of Brad A. Armstrong

Applicant's reference F28

Application No.: 09/893,292

Filed: 06/26/01

Title: IMAGE CONTROLLER

Applicant's mailing address: Brad A. Armstrong
P.O. Box 1419
Paradise, CA 95967

Examiner: D. Chow

Group Art Unit: 2673



Application No.: 09/893,292

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Dear Sir:

This is supplemental to the Dec. 5, 2003 IDS and any previously submitted statements.

This Information Disclosure Statement (IDS) is being filed before the first Action on the merits, and therefore no fee for this submission is required.

As part of this Information Disclosure Statement are listings on modified 1449 forms of : A) US Patent References, B) Foreign Patent References, C) Non Patent Disclosures and Other References, and D) US Patent Application Publications. The 1449 forms address disclosures of prior art and relevant art that may pertain to claims of this application and its Divisional applications

Each of the four above described lists includes references to Footnotes of Special Interest. The "Footnotes-References of Special Interest" are included to provide assistance to the Examiner while determining allowability of the claims. Footnotes 1-97 were sent in on Dec. 5, 2003 and Footnotes 98-113 are included herewith.

Copies of some PTO Office Actions on Third Party Patent Applications for somewhat related Inventions are also herewith included and may be helpful to the Examiner.

Best full or partial copies which Applicant currently possesses of each of the Foreign Patent References and Non Patent Disclosures and Other References are included herewith. Applicant understands that the PTO now supplies its own copies of the US Patents and US Patent Applications cited in new patent applications. If this is not correct and Applicant is required to acquire

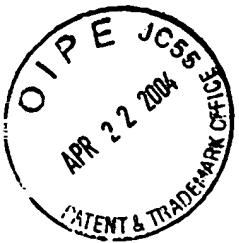
paper copies from the PTO and then supply them to the PTO, please inform Applicant as soon as possible so that the copies can be ordered from the PTO and sent to the Examiner. Thank you.

The Foreign Patent References are in some cases foreign patents and in other cases patent applications.

Please consider all Previously and Newly submitted references during the examination of the present application and claims. Thank you.

Please consider the issue of double-patenting regarding this application and Applicant's other pending U.S. applications which can be readily located by a search of the PTO records for pending applications under the Inventor name of "Brad A. Armstrong". Applicant would be happy to discuss each pending claim with the Examiner. If the Examiner wishes and requests such, Applicant would be more than willing to submit copies of all of his currently pending claims. If the Examiner believes that would be helpful, please do not hesitate in requesting such from Applicant. Thank you.

Please consider the issue of double-patenting regarding this application and Applicant's Issued U.S. Patents which can be readily located by a search of the PTO records for issued patent under the Inventor name of "Brad A. Armstrong". Applicant believes that at least the following U.S. Patents of Applicant's should be reviewed for double-patenting: U.S. Patent 5,565,891; U.S. Patent 5,589,828; U.S. Patent 6,222,525; U.S. Patent 6,310,606; U.S. Patent 6,344,791 and U.S. Patent 6,347,997. If the Examiner wishes additional information, please do not hesitate in requesting such from Applicant. Thank you.



Applicant realizes the instant application and this IDS are extensive and sincerely apologizes to the Examiner. Please examine the instant claims thoroughly so that Applicant may receive a valid and worthy Patent. Thank you for your time.

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Please do not hesitate in requesting anything from Applicant that might assist the Examiner.

Respectfully,

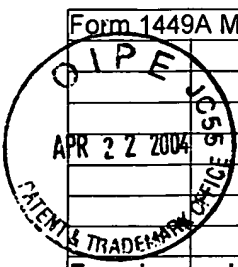
A handwritten signature in cursive script that reads "Brad A. Armstrong".

Brad A. Armstrong

April 22, 2004

Date:

Form 1449A Modified		Application Number		09/893,292	
		Filing Date		June 26, 2001	
		First Named Inventor		Brad A. Armstrong	
		Art Unit		2673	
		Examiner Name		D. CHOW	
		Applicant's File Number		F28	
				Technology Center 2600	
Examiner Initials	US Patent Number	Publication Date	Patentee or Applicant Name	Relevant Information	US Class
	5349370	9/20/1994	KATAYAMA ET AL	Cited for related Interest	345/159
	5049079	9/17/1991	FURTADO ET AL	Footnote 100 -- Special Interest	434/253
	5687331	11/11/1997	VOLK ET AL	Cited for related Interest	395/327
	5542039	7/30/1996	BRINSON ET AL	Footnote 98 -- Special Interest	345/800
	4850591	7/25/1989	CAPCON CO.	Cited for related Interest	273/85
	6217444	4/17/2001	KONAMI CO.	Cited for related Interest	463/3
	6007423	12/28/1999	NAKAMURA	Cited for related Interest	463/6
	5184120	2/2/1993	MOTOROLA, INC.	Cited for related Interest	340/870
	5555894	9/17/1996	MATSUSHITA ELE.	Cited for related Interest	600/595
	5673066	9/30/1997	TODA ET AL	Cited for related Interest	345/157
	5853324	12/29/1998	KAMI ET AL	Footnote 99 -- Special Interest	462/2
	6146278	11/14/2000	KOBAYASHI	Cited for related Interest	463/53
	6031516	2/29/2000	LEIPER	Cited for related Interest	345/629
	6041068	3/21/2000	ROSENGREN ET AL	Footnote 101 -- Special Interest	370/538
	5358259	10/25/1994	BEST	Footnote 106 -- Special Interest	273/434
	6147674	11/14/2000	ROSENBERG ETAL	Cited for related Interest	345/157
	6225976	5/1/2001	YATES ET AL	Cited for related Interest	345/156
	6322448	11/27/2001	KAKU ET AL	Footnote 103 -- Special Interest	463/32
	6414996	7/2/2002	OWEN ET AL	Footnote 105 -- Special Interest	375/240
	6400353	6/4/2002	IKAHARA ET AL	Footnote 104 -- Special Interest	345/157
	4713007	12/15/1987	ALBAN	Footnote 102 -- Special Interest	463/37
	6155926	12/5/2000	MIYAMOTO ET AL	Footnote 109 -- Special Interest	463/32
	6028531	2/22/2000	WANDERLICH	Footnote 110 -- Special Interest	340
	5999168	12/7/1999	ROSENBERG ETAL	Footnote 111 -- Special Interest	345
	5808540	9/15/1998	WHEELER ETAL	Cited for related Interest	338
	5619180	4/8/1997	MASSIMINO ETAL	Cited for related Interest	340



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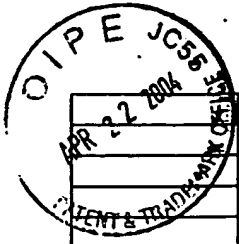
Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449 Modified		Application Number	09/893,292	RECEIVED APR 28 2004 Technology Center 2600
		Filing Date	June 26, 2001	
		First Named Inventor	Brad A. Armstrong	
		Art Unit	2673	
		Examiner Name	D. CHOW	
		Applicant's File Number	F28	
Examiner Initials	Foreign Patent Document No.	Publication Date mm-dd-yyyy	Inventor or Applicant Name	Relevant Information
	EP0302158	11-13-1987	CAPCOM CO. LTD	Cited for related Interest
	EP0830881	08-07-1998	KONAMI CO. LTD	Cited for related Interest
	EP0626634	11-30-1994	MATSUSHITA ELEC.	Cited for related Interest
	EP0403054	12-19-1990	QUANTAL LTD.	Cited for related Interest
	JP11009837	04-30-1999	TAITO CORP.	Cited for related Interest
	EP0952555	10-27-1999	SAIKAWA ET AL	Cited for related Interest
	EP0852961	07-15-1998	KONAMI CO. LTD	Cited for related Interest
	WO0152042	07-19-2001	SONY COMP. ENTER.	Cited for related Interest
	JP07-051467	02-28-1995	mitsunori ETAL	Footnote 112 -- Special Interest
	TW288636	10-11-1996	PRIMAX ELECTRONIC	Cited for related Interest
	TW369431	09-11-1999	SONY COMPUTER ENT.	Cited for related Interest
	JP10-258181	09-29-1999	ALPS ELECTRONIC CO.	Cited for related Interest
	JP-B-H1-40545			Footnote 113 -- Special Interest

Examiner Signature	Date Considered
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Application Number: 09/893,292							
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Group Art Unit: 2673							
Examiner's Name: D. CHOW							
Applicant File Number: F28							
<u>EXAMINER INITIALS</u>	<u>NON PATENT LITERATURE DOCUMENTS AND OTHERS REFERENCES</u>	<u>Additional Data in Footnote</u>					
	IBM TECHNICAL DISCLOSURE BULLETIN, vol. 21, no. 9, Feb. 1, 1979, pages 3845-3846, Anonymous author, Title: "Keyboard Device For Upper And Lower Case Keying Without Shifting". The Present Applicant could not locate a copy of this IBM disclosure but lists the data because it was cited as an "X" reference in a European Patent Office Search report on a related invention filed for by another Applicant.	Cited for related interest					
	Jim Boyce et al, Inside Window 3.11, New Riders Publishing, Platinum Edition, Page 87-89	Cited for related interest					

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Footnotes – References of Special Interest

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Re: Patent Application of Brad A. Armstrong

Applicant's reference F28

Filed: 06/26/01 Serial No.: 09/893,292

Title: IMAGE CONTROLLER

Applicant's mailing address: Brad A. Armstrong
PO Box 1419
Paradise, CA 95967

Examiner: D. Chow

Group Art Unit: 2673

Footnotes submitted as a part of the Information Disclosure Statement

Please consider the following in addition to Footnotes 1-97 submitted on Dec. 5, 2003. Thank you

Footnote Numbers

98. Disclosure US Patent 5542039 of Brinson et al was relied upon by the Examiner in US Patent Application No. 09/758,032 of a third party in a somewhat related application, in Office Action Date Mailed 10/29/2003 (Office Action enclosed for Examiner's convenience)

99. Disclosure US Patent 5853324 of Kami et al was relied upon by the Examiner in somewhat related US Patent Application No. 09/757,806 of a third party in Office Action Date Mailed 11/04/2002. (Office Action enclosed for Examiner's convenience)

100. Disclosure US Patent 5049079 of Furtado et al was relied upon by the Examiner in a somewhat related application US Patent Application No. 09/758,106 of a third party, Office Action Date Mailed 10/02/2002 (Office Action enclosed for the Examiner's convenience).

101. Disclosure US Patent 6041068 of Rosengren et al was relied upon in somewhat related US Patent application 09/758,044 by a third party, Office Action Date Mailed 01/29/2003. (Office Action enclosed for the Examiner convenience)

102. Disclosure US Patent 4713007 of Alban was relied upon by the Examiner in somewhat related US Patent Application No. 09/758,106 of a third party. Mario Party of the Mario Brothers game series was also relied upon by the Examiner. The Office Action Date Mailed 10/02/2002. (A copy of the Office Action is enclosed for the Examiner's convenience)

103. Disclosure US Patent 6322448 of Kaku et al was relied upon by the Examiner in somewhat related application US Patent Application No. 09/757,815 of a third party in Office Action Date Mailed 02/27/2003. (Copy of the Office Action is enclosed for the Examiner's convenience).

104. Disclosure US Patent 6400353 of Ikehara et al was relied upon by the Examiner in US Patent Application No. 09/757,815 of a third party in Office Action Date Mailed 02/27/2003. (Copy of the Office Action is enclosed for the Examiner's convenience).

105. Disclosure US Patent 6414996 of Owen et al was relied upon by the Examiner in US Patent Application No. 09/757,815 of a third party in Office Action Date Mailed 02/27/2003. (Copy of the Office Action is enclosed for the Examiner's convenience).

106. Disclosure US Patent 5358259 of Best was relied upon by the Examiner in somewhat related US Patent Application No. 09/757,813 of a third party in Office Action Date Mailed 04/04/2003 (Copy of the Office Action is enclosed for the Examiner's convenience).

107. Disclosure US Patent Publication No. US 2001/0040585 of Hartford was relied upon by the Examiner in US Patent Application No. 09/758,032 of a third party in a somewhat related application Office Action Date Mailed 10/29/2003 (Office Action enclosed herein for the Examiner's convenience).

108. Disclosure US Patent Publication No. US 2002/0122027 of Kim was relied upon by the Examiner in US Patent Application No. 09/758,032 of a third party in a somewhat related application Office Action Date Mailed 10/29/2003 (Office Action enclosed herein for the Examiner's convenience).

109. Disclosure US Patent 6,155,926 of Miyamoto et al was relied upon by the Examiner in US Patent Application No. 09/757,811 of a third party in a somewhat related application, Office Action Date Mailed 07/16/2002 (Office Action enclosed for Examiner's convenience).

110. Disclosure US Patent 6,028,531 of Wanderlich et al was relied upon by the Examiner in US Patent Application No. 09/757,812 of a third party in a somewhat related application, Office Action Date Mailed: 01/02/2003 (Office Action enclosed for Examiner's convenience).

111. Disclosure US Patent 5,999,168 of Rosenberg et al was relied upon by the Examiner in US Patent Application No. 09/757,812 of a third party in a somewhat related application, Office Action Date Mailed: 08/01/2002 (Office Action enclosed for Examiner's convenience).

112. Disclosure JP 07-051467 of Mitsunori et al was relied upon by the Examiner in US Patent Application No. 09/757,812 of a third party in a somewhat related application, Office Action Date Mailed: 01/02/2003. (Office Action enclosed for Examiner's convenience)

113. Disclosure JP-B-H1-40545 was cited by a Third Party Applicant in the "BACKGROUND OF THE INVENTION" of the specification in U.S. Patent Application No. 09/757,812. Regarding the JP-B-H1-40545 disclosure the Third Party stated "For example, a pressure-sensitive type controller was disclosed in the publication of examined Japanese utility model application No. JP-B-H1-40545, wherein pressure-sensitive output is provided as an input to a VCO (variable control oscillator) and the output of the VCO is used for repeated fire in a game."